

Additional Task

Name: Shaik Khaja Basha

Batch : Batch 11

Date : 26.07.2025

Task : terraform with jenkins

Task:

Create two files and two directories using terraform with help of jenkins pipeline

Create a Jenkins pipeline that provisions infrastructure using Terraform. The pipeline should:

1. Automatically perform terraform init, validate, plan, and apply stages.
2. All Terraform files (main.tf, variables.tf, terraform.tfvars, etc.) should be stored in a GitHub repository (e.g., terraform-jenkins-pipeline).
3. Clone this repository in your Jenkins pipeline.
4. Design the Jenkinsfile to execute the Terraform steps sequentially.
5. The files should be stored in the Jenkins workspace (agent) during execution.
6. After running the pipeline, verify that the Terraform resources are created successfully two files and two directories in your local or target environment.
7. Take screenshots of the output/results as proof

Jenkins Pipeline for Provisioning Files and Directories with Terraform

Below is a step-by-step guide to create two files and two directories using Terraform, orchestrated via a Jenkins Pipeline. This approach integrates version control (GitHub), automated infrastructure provisioning (Terraform), and CI/CD (Jenkins).

1. Prepare GitHub Repository

Store all Terraform configuration files (main.tf, variables.tf, terraform.tfvars, etc.) in a GitHub repository, such as Jenkins-terraform-pipeline/.

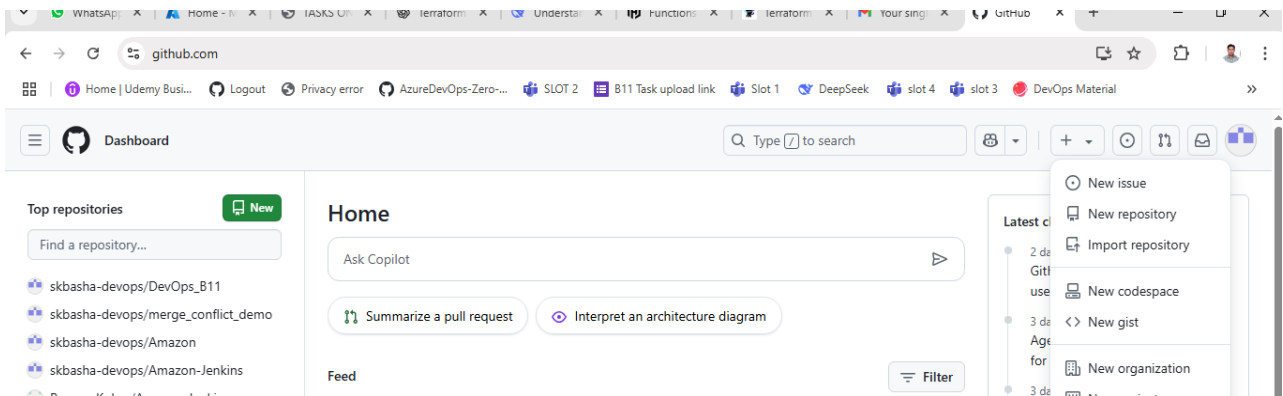
Example file structure:

Jenkins-terraform-pipeline/

terraform-jenkins-pipeline/

```
|--main.tf
|--Jenkinsfile
|-- outputs.tf (optional)
|-- .gitignore (optional)
└─ README.md (optional)
```

Create a new repository by clicking on New repository



Enter the details as follows

si... Logout Privacy error AzureDevOps-Zero... SLO 2 B11 Task upload link Slot 1 DeepSeek slot 4 slot 3 DevOps Material

Create a new repository [Try the new experience](#)

A repository contains all project files, including the revision history. Already have a project repository elsewhere? [Import a repository.](#)

Required fields are marked with an asterisk (*).

Owner * skbasha-devops / Repository name * terraform_jenkins_pipeline
✓ terraform_jenkins_pipeline is available.

Great repository names are short and memorable. Need inspiration? How about [cautious-memory](#) ?

Description (optional)

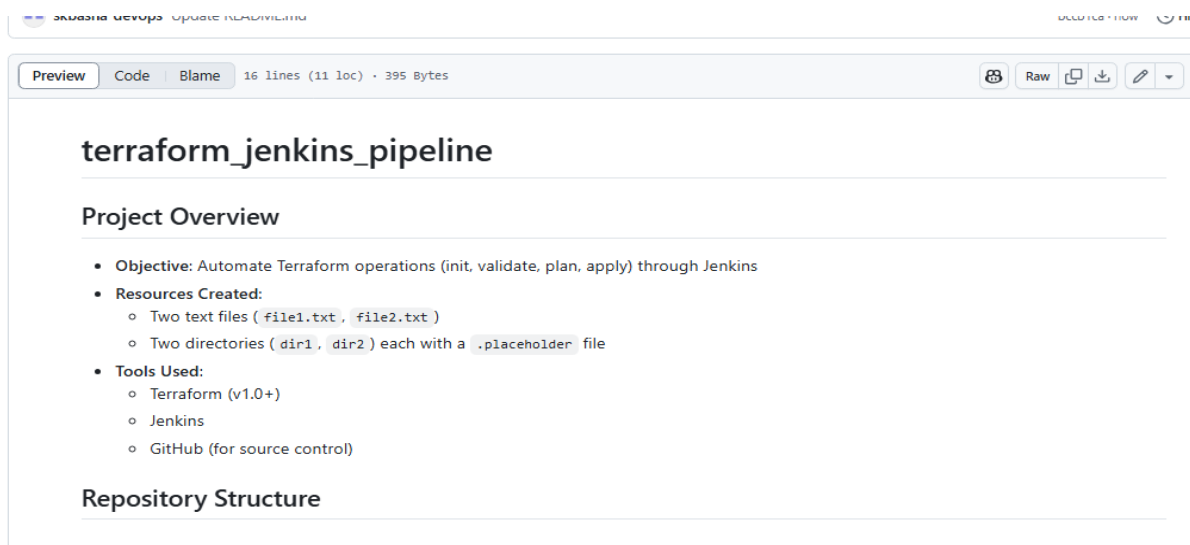
☒ Public
Anyone on the internet can see this repository. You choose who can commit.

☐ Private
You choose who can see and commit to this repository.

Initialize this repository with:
☒ Add a README file
This is where you can write a long description for your project. [Learn more about READMEs.](#)

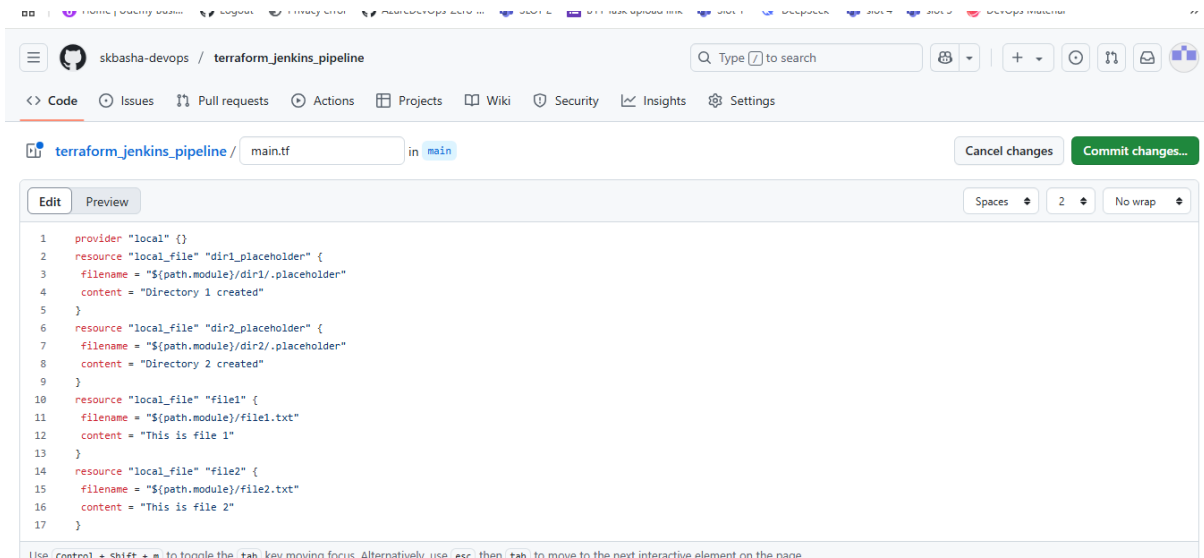
Add .gitignore
.gitignore template: None

Enter the details for README.md file



Create a new file and enter the name main.tf

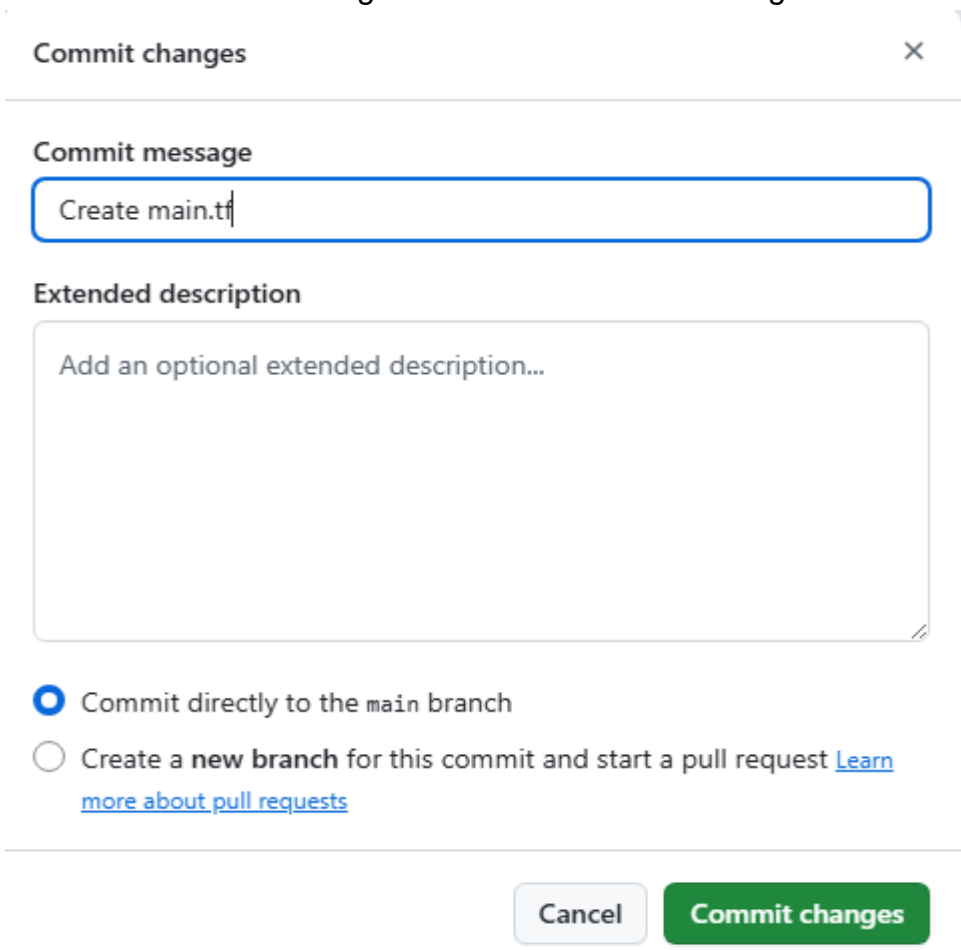
Add the contents to file and click on Commit changes



```
1 provider "local" {}
2 resource "local_file" "dir1_placeholder" {
3   filename = "${path.module}/dir1/.placeholder"
4   content = "Directory 1 created"
5 }
6 resource "local_file" "dir2_placeholder" {
7   filename = "${path.module}/dir2/.placeholder"
8   content = "Directory 2 created"
9 }
10 resource "local_file" "file1" {
11   filename = "${path.module}/file1.txt"
12   content = "This is file 1"
13 }
14 resource "local_file" "file2" {
15   filename = "${path.module}/file2.txt"
16   content = "This is file 2"
17 }
```

If we use `${path.module}` in the root module, it resolves to `.` (the current directory).

Enter the Commit message and click on Commit changes



Commit changes ✕

Commit message

Create main.tf

Extended description

Add an optional extended description...

☒ Commit directly to the main branch

☐ Create a new branch for this commit and start a pull request [Learn more about pull requests](#)

Cancel Commit changes

main.tf will be added in main branch

The screenshot shows the GitHub repository page for 'terraform_jenkins_pipeline' by 'skbasha-devops'. The repository is public and has 1 branch (main) and 0 tags. The commit history shows three commits: 'Initial commit' (19 minutes ago), 'Create main.tf' (10 minutes ago), and 'Create main.tf' (7d5f3e8, 10 minutes ago). The repository has 0 stars, 0 watching, and 0 forks. The 'About' section is empty.

Now we need to add the Jenkinsfile, enter the details as follows and click on Commit changes

The screenshot shows the Jenkinsfile editor in the GitHub repository. The file is named 'Jenkinsfile' and is located in the 'main' branch. The editor shows the following content:

```
1 pipeline {
2   agent any
3
4   stages {
5     stage('Clone Repo') {
6       steps {
7         git url: 'https://github.com/your-username/terraform-jenkins-pipeline.git'
8       }
9     }
10
11    stage('terraform Init') {
12      steps {
13        sh 'terraform init'
14      }
15    }
16
17    stage('terraform Validate') {
18      steps {
19        sh 'terraform validate'
20      }
21    }
22
23    stage('terraform Plan') {
24      steps {
25        sh 'terraform plan -out=tfplan'
26      }
27    }
28
29    stage('terraform Apply') {
30      steps {
31        sh 'terraform apply -auto-approve tfplan'
32      }
33    }
34  }
35}
```

The editor also shows a 'Commit changes...' button and a 'Cancel changes' button. The 'Commit changes...' button is highlighted in green.

Enter the Commit message and click on Commit changes

Commit changes

Commit message

Create Jenkinsfile

Extended description

Add an optional extended description...

☒ Commit directly to the main branch

☐ Create a new branch for this commit and start a pull request [Learn more about pull requests](#)

Cancel

Commit changes

Jenkinsfile is added

skbasha-devops Create Jenkinsfile		14c468a · now	History
Name	Last commit message	Last commit date	
Jenkinsfile	Create Jenkinsfile	now	
README.md	Initial commit	27 minutes ago	
main.tf	Create main.tf	18 minutes ago	
README.md			

Add the outputs.tf file enter the details as follows and click on Commit changes

EditPreview

```
1  output "files" {
2    value = [
3      local_file.file1.filename,
4      local_file.file2.filename
5    ]
6  }
7
8  output "directories" {
9    value= [
10     dirname(local_file.dir1_placeholder.filename),
11     dirname(local_file.dir2_placeholder.filename)
12   ]
13 }
14
```

Enter the commit message and click on Commit changes

Commit changes

Commit message

Create outputs.tf

Extended description

Add an optional extended description...

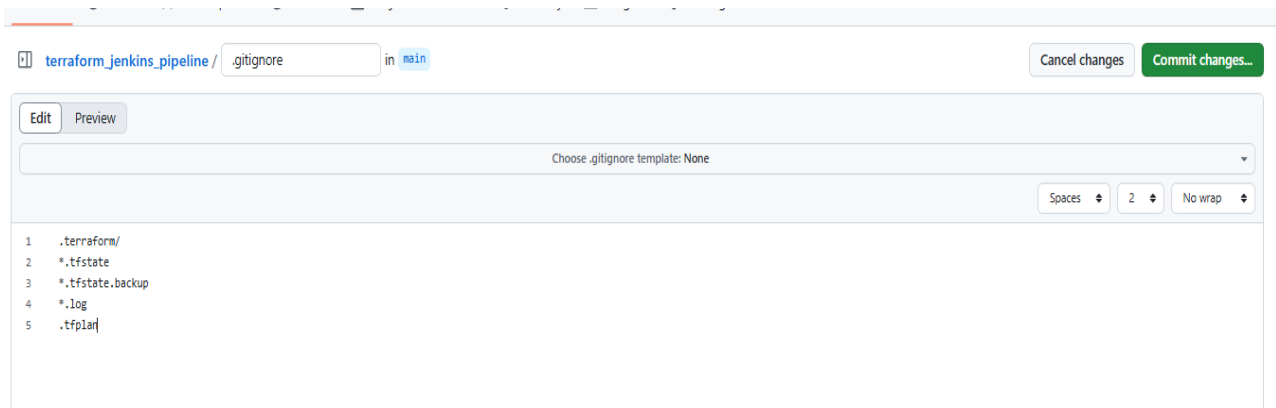
☒ Commit directly to the main branch

☐ Create a new branch for this commit and start a pull request [Learn more about pull requests](#)

Cancel

Commit changes

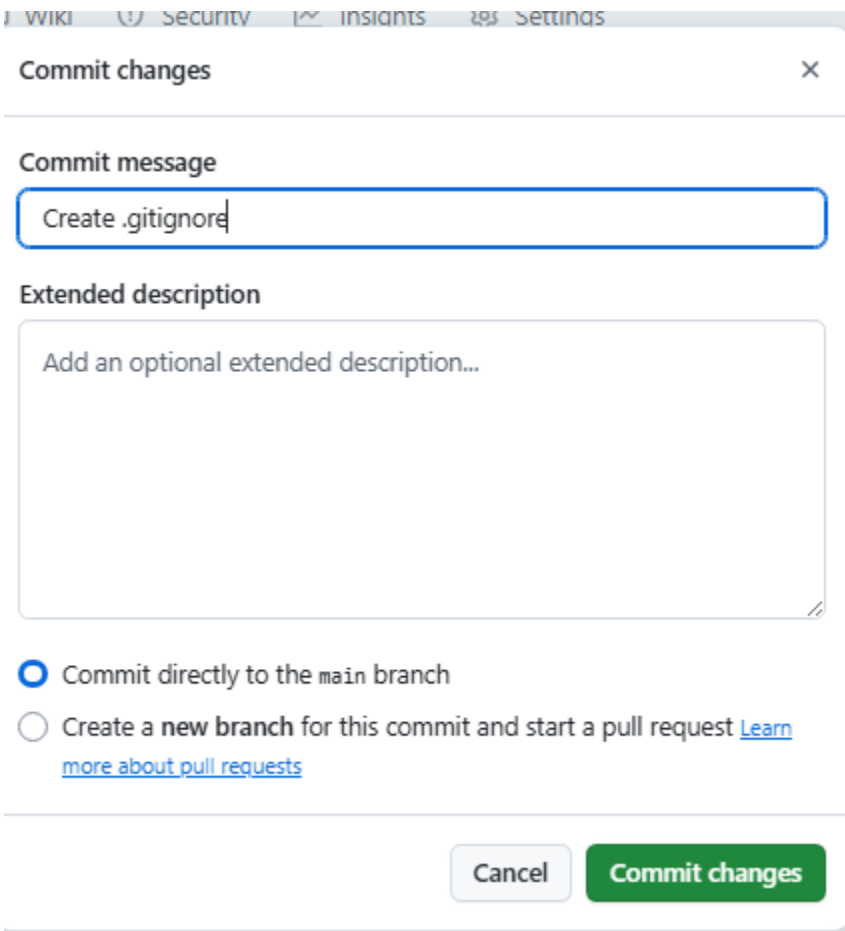
Add the .gitignore file and enter the details as follows and click on Commit changes



The screenshot shows the GitHub web interface for editing a file. At the top, the breadcrumb navigation shows 'terraform_jenkins_pipeline / .gitignore in main'. There are 'Cancel changes' and 'Commit changes...' buttons. Below the navigation bar, there are 'Edit' and 'Preview' tabs. A dropdown menu shows 'Choose .gitignore template: None'. To the right of the editor, there are settings for 'Spaces' (set to 2) and 'No wrap'. The main editor area contains the following content:

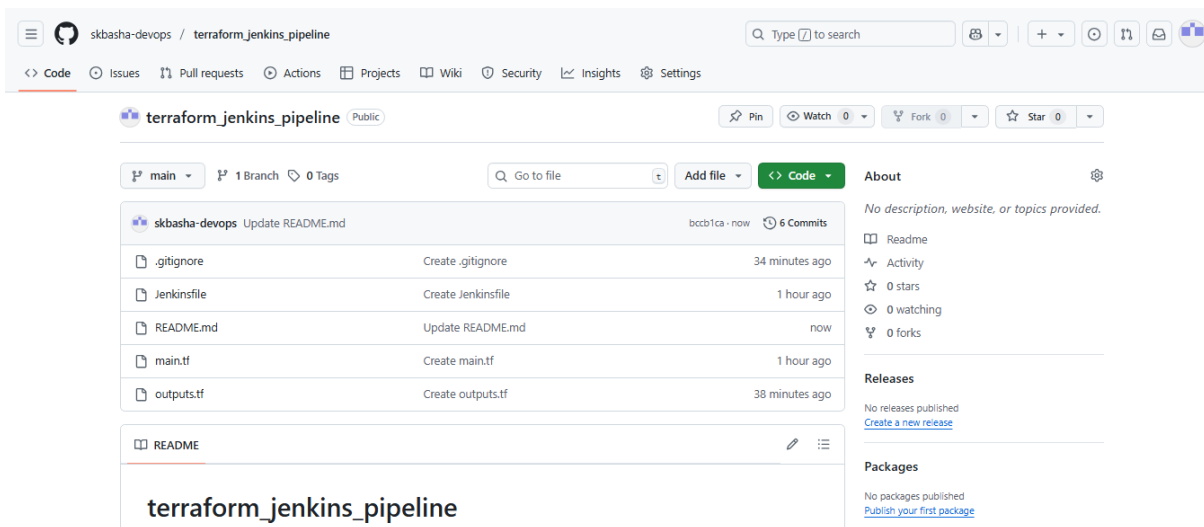
```
1 .terraform/
2 *.tfstate
3 *.tfstate.backup
4 *.log
5 .tfplan
```

Enter the Commit message and click on Commit changes



The screenshot shows the 'Commit changes' dialog box. It has a title bar with a close button. The 'Commit message' section has a text input field containing 'Create .gitignore'. Below this is the 'Extended description' section with a large text area containing the placeholder text 'Add an optional extended description...'. At the bottom, there are two radio button options: 'Commit directly to the main branch' (which is selected) and 'Create a new branch for this commit and start a pull request' (with links to 'Learn more about pull requests'). At the very bottom are 'Cancel' and 'Commit changes' buttons.

All the files required are added



Final Repo Structure:

terraform-jenkins-pipeline/

- ├── .gitignore (optional)
- ├── Jenkinsfile
- ├── README.md (optional)
- ├── main.tf
- └── outputs.tf (optional)

Connect Jenkins to GitHub Repo

In the linux CLI check if terraform is installed and start Jenkins

Run commands terraform --version

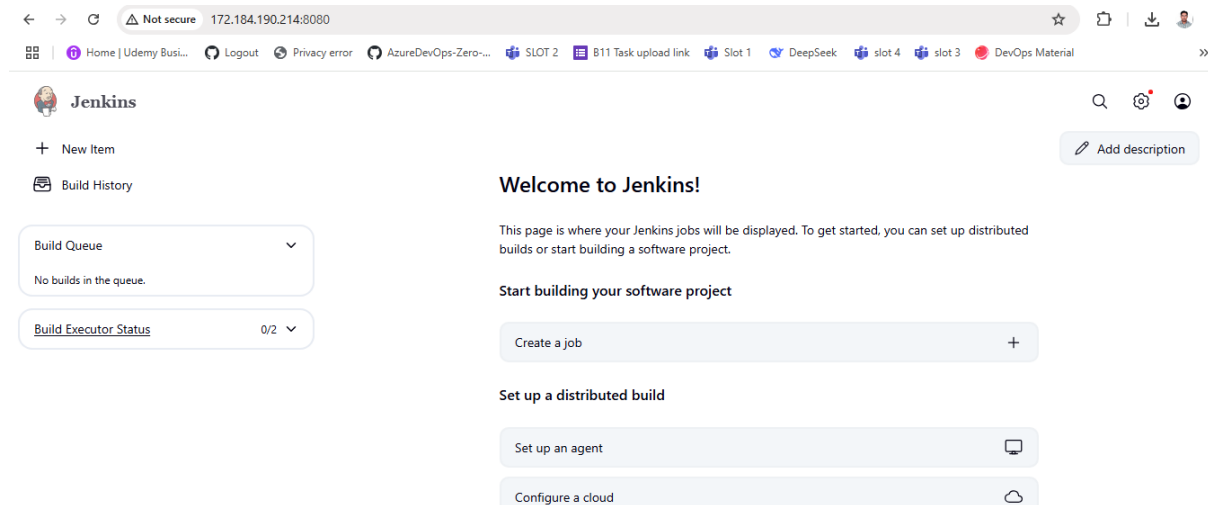
sudo systemctl start jenkins

sudo systemctl status jenkins

```
azureuser@skvm-terra:~/terraform$ terraform -v
Terraform v1.12.2
on linux_amd64
azureuser@skvm-terra:~/terraform$ sudo systemctl start jenkins
azureuser@skvm-terra:~/terraform$ sudo systemctl status jenkins
● jenkins.service - Jenkins Continuous Integration Server
   Loaded: loaded (/usr/lib/systemd/system/jenkins.service; enabled; preset: enabled)
   Active: active (running) since Sun 2025-07-27 04:49:07 UTC; 48s ago
     Main PID: 8579 (java)
       Tasks: 44 (limit: 995)
      Memory: 305.9M (peak: 316.9M)
         CPU: 18.803s
    CGroup: /system.slice/jenkins.service
            └─8579 /usr/bin/java -Djava.awt.headless=true -jar /usr/share/java/jenkins.war --webroot=/var/cache/jenkins/war --httpPort=8080

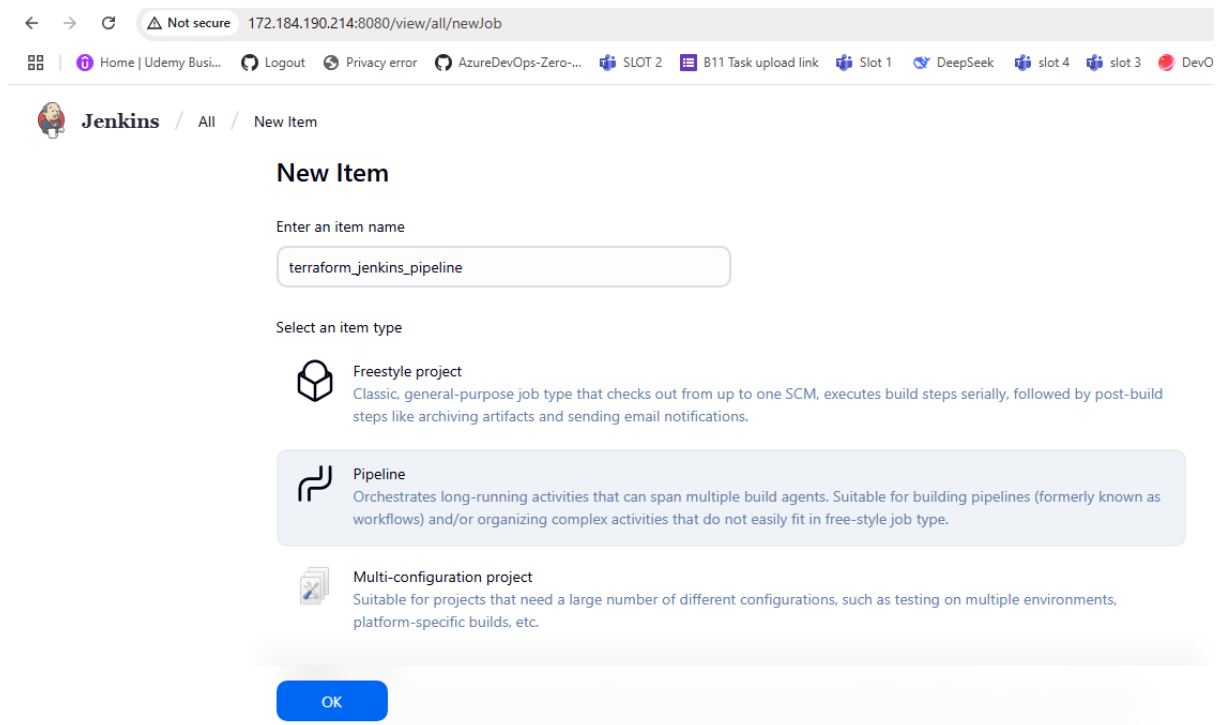
Jul 27 04:48:58 skvm-terra jenkins[8579]: 985a4da05b7d41e8b010a3865cb3edf9
Jul 27 04:48:58 skvm-terra jenkins[8579]: This may also be found at: /var/lib/jenkins/secrets/initialAdminPassword
Jul 27 04:48:58 skvm-terra jenkins[8579]: *****
Jul 27 04:48:58 skvm-terra jenkins[8579]: *****
Jul 27 04:49:07 skvm-terra jenkins[8579]: 2025-07-27 04:49:07.226+0000 [id=30] INFO jenkins.InitReactorRunner$1#onAttained
Jul 27 04:49:07 skvm-terra jenkins[8579]: 2025-07-27 04:49:07.266+0000 [id=23] INFO hudson.lifecycle.Lifecycle#onReady: Jenkins is ready
Jul 27 04:49:07 skvm-terra systemd[1]: Started jenkins.service - Jenkins Continuous Integration Server.
Jul 27 04:49:08 skvm-terra jenkins[8579]: 2025-07-27 04:49:08.012+0000 [id=47] INFO h.m.DownloadService$Downloadable#load: Loaded
Jul 27 04:49:08 skvm-terra jenkins[8579]: 2025-07-27 04:49:08.014+0000 [id=47] INFO hudson.util.Retrier#start: Performed 1 attempts
lines 1-20/20 (END)
```


Open Google Chrome and enter 172.184.190.214:8080 , Sign-in to Jenkins using Username and Password



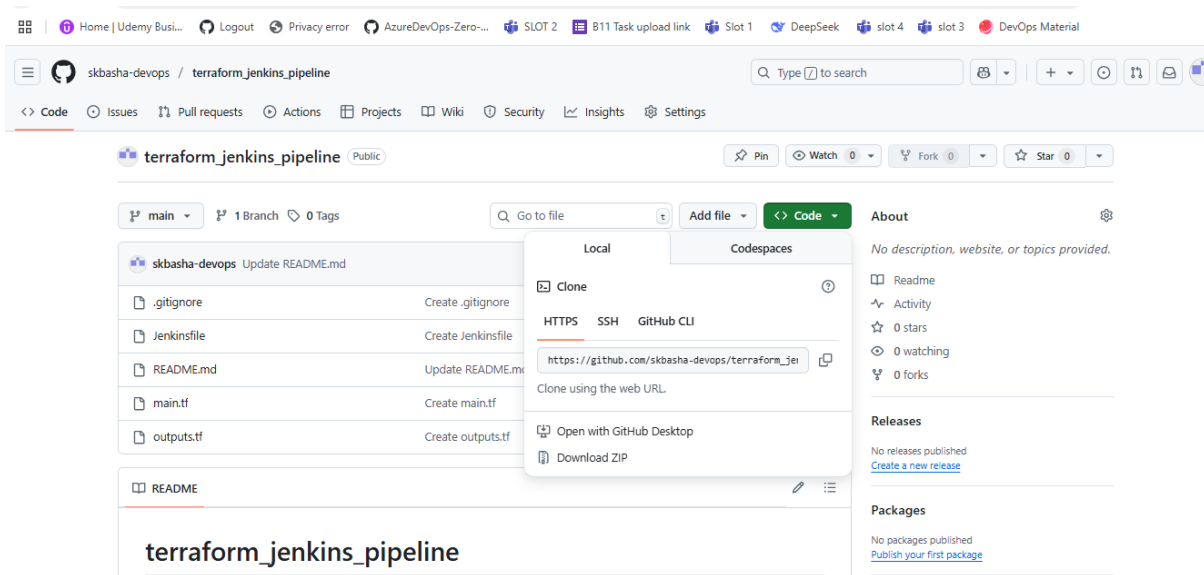
The screenshot shows the Jenkins dashboard homepage. The browser address bar displays '172.184.190.214:8080'. The Jenkins logo is in the top left, with a 'New Item' button and a 'Build History' link. A 'Build Queue' section shows 'No builds in the queue.' and a 'Build Executor Status' section shows '0/2'. The main content area has a 'Welcome to Jenkins!' message, explaining that this is where jobs are displayed and distributed builds can be started. It includes a 'Start building your software project' section with a 'Create a job' button, and a 'Set up a distributed build' section with 'Set up an agent' and 'Configure a cloud' buttons.

In Jenkins Dashboard click on New Item and select Pipeline job and click on OK



The screenshot shows the 'New Item' configuration page in Jenkins. The browser address bar displays '172.184.190.214:8080/view/all/newJob'. The page has a breadcrumb trail: 'Jenkins / All / New Item'. The 'New Item' title is at the top. Below it, there is a text input field for 'Enter an item name' containing 'terraform_jenkins_pipeline'. Under 'Select an item type', three options are listed: 'Freestyle project' (Classic, general-purpose job type), 'Pipeline' (Orchestrates long-running activities), and 'Multi-configuration project' (Suitable for projects that need a large number of different configurations). The 'Pipeline' option is highlighted with a blue background. At the bottom, there is a blue 'OK' button.

Copy the Repository URL



The screenshot shows the GitHub interface for the repository 'skbasha-devops / terraform_jenkins_pipeline'. The repository is public and has 1 branch and 0 tags. The 'Code' dropdown menu is open, showing the 'Clone' option with the URL 'https://github.com/skbasha-devops/terraform_jer'. The repository files list includes .gitignore, Jenkinsfile, README.md, main.tf, and outputs.tf. The right sidebar shows the 'About' section with no description, website, or topics provided, and the 'Releases' and 'Packages' sections with no published items.

Home | Udemey Busi... | Logout | Privacy error | AzureDevOps-Zero... | SLO 2 | 811 Task upload link | Slot 1 | DeepSeek | slot 4 | slot 3 | DevOps Material

skbasha-devops / terraform_jenkins_pipeline

Type to search

<> Code | Issues | Pull requests | Actions | Projects | Wiki | Security | Insights | Settings

terraform_jenkins_pipeline Public

Pin | Watch 0 | Fork 0 | Star 0

main 1 Branch 0 Tags

Go to file

Add file <> Code

skbasha-devops Update README.md

.gitignore Create .gitignore

Jenkinsfile Create Jenkinsfile

README.md Update README.md

main.tf Create main.tf

outputs.tf Create outputs.tf

Clone

HTTPS SSH GitHub CLI

https://github.com/skbasha-devops/terraform_jer

Clone using the web URL

Open with GitHub Desktop

Download ZIP

README

terraform_jenkins_pipeline

About

No description, website, or topics provided.

Readme

Activity

0 stars

0 watching

0 forks

Releases

No releases published

Create a new release

Packages


No packages published

Publish your first package




Enter the details as follows

Give description.

Use "Pipeline script from SCM", Paste the Repository URL, Select the credentials and give branch specifier as */main and click on Save

 Jenkins

terraform_jenkins_pipeline / Configuration



Configure


General

Triggers

Pipeline

Advanced

General

Enabled 

Description

terraform_jenkins_pipeline demo

Plain text [Preview](#)

☐ Discard old builds [?](#)

☐ Do not allow concurrent builds

☐ Do not allow the pipeline to resume if the controller restarts

☐ GitHub project

☐ Pipeline speed/durability override [?](#)

☐ Preserve stashes from completed builds [?](#)

☐ This project is parameterized [?](#)

☐ Throttle builds [?](#)

Triggers

Set up automated actions that start your build based on specific events, like code changes or scheduled times.

☐ Build after other projects are built [?](#)

☐ Build periodically [?](#)

☐ GitHub hook trigger for GITScm polling [?](#)

☐ Poll SCM [?](#)

☐ Trigger builds remotely (e.g., from scripts) [?](#)

Pipeline

Define your Pipeline using Groovy directly or pull it from source control.

Definition

Pipeline script from SCM

SCM [?](#)

Git [?](#)

Repositories [?](#)

Repository URL [?](#)

https://github.com/skbasha-devops/terraform_jenkins_pipeline.git

Credentials [?](#)

skbasha-devops/*****

+ Add

Advanced [?](#)

Add Repository

Branches to build [?](#)

Branch Specifier (blank for 'any') [?](#)

*/main

Add Branch

Repository browser [?](#)

(Auto)

Additional Behaviours

Add [?](#)

Script Path [?](#)

Jenkinsfile

☒ Lightweight checkout [?](#)

[Pipeline Syntax](#)

Advanced

Advanced [?](#)

Save

Apply

REST API

Jenkins 2.516.1

Click on Build Now

← → ↻ Not secure 172.184.190.214:8080/job/terraform_jenkins_pipeline/ ☆ 📄 ⬇ 👤 ⋮

📁 Home | Udem... Logout Privacy error AzureDevOps-Zero-... SLOT 2 B11 Task upload link Slot 1 DeepSeek slot 4 slot 3 DevOps Material >>

Jenkins / terraform_jenkins_pipeline 🔍 ⚙️ 👤

- Status
- </> Changes
- ▶ Build Now
- ⚙️ Configure
- 🗑 Delete Pipeline
- 📅 Stages
- ✎ Rename
- ❓ Pipeline Syntax

terraform_jenkins_pipeline Edit description

terraform_jenkins_pipeline demo

Permalinks

Builds ⋮ 📄

Today

🟢 #1 5:27 AM 📄 ⌵

Build is successful, click on #8

📁 Home | Udem... Logout Privacy error AzureDevOps-Zero-... SLOT 2 B11 Task upload link Slot 1 DeepSeek slot 4 slot 3 DevOps Material >>

Jenkins / terraform_jenkins_pipeline / #8 🔍 ⚙️ 👤

- Status
- </> Changes
- 📄 Console Output
- 📄 Edit Build Information
- 🗑 Delete build '#8'
- 🕒 Timings
- 🔍 Git Build Data
- 🔗 Pipeline Overview
- 🔄 Restart from Stage
- 🔄 Replay
- 📋 Pipeline Steps
- 📁 Workspaces
- ← Previous Build

✅ **Console Output** Download Copy View as plain text

```
Started by user admin
Obtained Jenkinsfile from git https://github.com/skbasha-devops/terraform_jenkins_pipeline.git
[Pipeline] Start of Pipeline
[Pipeline] node
Running on Jenkins in /var/lib/jenkins/workspace/terraform_jenkins_pipeline
[Pipeline] {
[Pipeline] stage
[Pipeline] { (Declarative: Checkout SCM)
[Pipeline] checkout
Selected Git installation does not exist. Using Default
The recommended git tool is: NONE
using credential github-creds
> git rev-parse --resolve-git-dir /var/lib/jenkins/workspace/terraform_jenkins_pipeline/.git # timeout=10
Fetching changes from the remote Git repository
> git config remote.origin.url https://github.com/skbasha-devops/terraform_jenkins_pipeline.git # timeout=10
Fetching upstream changes from https://github.com/skbasha-devops/terraform_jenkins_pipeline.git
> git --version # timeout=10
> git --version # 'git version 2.43.0'
using GIT_ASKPASS to set credentials
> git fetch --tags --force --progress -- https://github.com/skbasha-devops/terraform_jenkins_pipeline.git
```

```

Last build
  checkout -f 36db9692ea2a85eb36094d1b406be61c30cbb04b # timeout=10
Last stable build
  Update Jenkinsfile
  git checkout -f 36db9692ea2a85eb36094d1b406be61c30cbb04b # timeout=10
Last successful build
Last failed build
Last unsuccessful build
Last completed build
[Pipeline] git
Selected git installation does not exist. Using Default
The recommended git tool is: NONE
using credential github-creds
> git rev-parse --resolve-git-dir /var/lib/jenkins/workspace/terraform_jenkins_pipeline/.git # timeout=10
Fetching changes from the remote Git repository
> git config remote.origin.url https://github.com/skbasha-devops/terraform_jenkins_pipeline.git # timeout=10
Fetching upstream changes from https://github.com/skbasha-devops/terraform_jenkins_pipeline.git
> git --version # timeout=10
> git --version # 'git version 2.43.0'
using GIT_ASKPASS to set credentials
> git fetch --tags --force --progress -- https://github.com/skbasha-devops/terraform_jenkins_pipeline.git +refs/heads/*:refs/remotes/origin/* # timeout=10
> git rev-parse refs/remotes/origin/main^{commit} # timeout=10
Checking out Revision 36db9692ea2a85eb36094d1b406be61c30cbb04b (refs/remotes/origin/main)
> git config core.sparsecheckout # timeout=10
> git checkout -f 36db9692ea2a85eb36094d1b406be61c30cbb04b # timeout=10
> git branch -a -v --no-abbrev # timeout=10
> git branch -D main # timeout=10
> git checkout -b main 36db9692ea2a85eb36094d1b406be61c30cbb04b # timeout=10
Commit message: "Update Jenkinsfile"
[Pipeline] sh
+ ls -la
total 40
drwxr-xr-x 5 jenkins jenkins 4096 Jul 27 15:54 .
drwxr-xr-x 4 jenkins jenkins 4096 Jul 27 15:51 ..
drwxr-xr-x 8 jenkins jenkins 4096 Jul 27 15:54 .git
-rw-r--r-- 1 jenkins jenkins 53 Jul 27 15:51 .gitignore

```

Terraform will perform the following actions:

```

[1m # local_file.dir1_placeholder[0m will be created
[0m [32m+~[0m[0m resource "local_file" "dir1_placeholder" {
  [32m+~[0m[0m content          = "Directory 1 created"
  [32m+~[0m[0m content_base64sha256 = (known after apply)
  [32m+~[0m[0m content_base64sha512 = (known after apply)
  [32m+~[0m[0m content_md5         = (known after apply)
  [32m+~[0m[0m content_sha1          = (known after apply)
  [32m+~[0m[0m content_sha256        = (known after apply)
  [32m+~[0m[0m content_sha512        = (known after apply)
  [32m+~[0m[0m directory_permission = "0777"
  [32m+~[0m[0m file_permission       = "0777"
  [32m+~[0m[0m filename              = "./dir1/.placeholder"
  [32m+~[0m[0m id                  = (known after apply)
}

[1m # local_file.dir2_placeholder[0m will be created
[0m [32m+~[0m[0m resource "local_file" "dir2_placeholder" {
  [32m+~[0m[0m content          = "Directory 2 created"
  [32m+~[0m[0m content_base64sha256 = (known after apply)
  [32m+~[0m[0m content_base64sha512 = (known after apply)
  [32m+~[0m[0m content_md5         = (known after apply)
  [32m+~[0m[0m content_sha1          = (known after apply)
  [32m+~[0m[0m content_sha256        = (known after apply)
  [32m+~[0m[0m content_sha512        = (known after apply)
  [32m+~[0m[0m directory_permission = "0777"
  [32m+~[0m[0m file_permission       = "0777"
  [32m+~[0m[0m filename              = "./dir2/.placeholder"
  [32m+~[0m[0m id                  = (known after apply)
}

[1m # local_file.file1[0m will be created
[0m [32m+~[0m[0m resource "local_file" "file1" {

```

```
Plan: 4 to add, 0 to change, 0 to destroy.
```

```
Changes to Outputs:
```

```
tfstate["tfstate"]
```

```
tfstate["tfstate"] directories = [
```

```
tfstate["tfstate"] "dir1",
```

```
tfstate["tfstate"] "dir2",
```

```
tfstate["tfstate"]
```

```
tfstate["tfstate"] files = [
```

```
tfstate["tfstate"] "file1.txt",
```

```
tfstate["tfstate"] "file2.txt",
```

```
tfstate["tfstate"]
```

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tfstate["tfstate"]
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enkins_pipeline / #8

```
-rw-r--r-- 1 jenkins jenkins 1414 Jul 27 15:54 Jenkinsfile
-rw-r--r-- 1 jenkins jenkins 395 Jul 27 15:51 README.md
drwxr-xr-x 2 jenkins jenkins 4096 Jul 27 15:54 dir1
drwxr-xr-x 2 jenkins jenkins 4096 Jul 27 15:54 dir2
-rwxr-xr-x 1 jenkins jenkins 14 Jul 27 15:54 file1.txt
-rwxr-xr-x 1 jenkins jenkins 14 Jul 27 15:54 file2.txt
-rw-r--r-- 1 jenkins jenkins 488 Jul 27 15:51 main.tf
-rw-r--r-- 1 jenkins jenkins 239 Jul 27 15:51 outputs.tf
drwxr-xr-x 2 jenkins jenkins 4096 Jul 27 15:51 terraform-jenkins-pipeline
drwxr-xr-x 2 jenkins jenkins 4096 Jul 27 15:51 terraform-jenkins-pipeline@tmp
-rw-r--r-- 1 jenkins jenkins 6387 Jul 27 15:54 terraform.tfstate
-rw-r--r-- 1 jenkins jenkins 2843 Jul 27 15:54 tfplan
+ echo File contents:
File contents:
+ cat file1.txt file2.txt
This is file 1This is file 2+ echo Directories:
Directories:
+ ls -ld dir1 dir2
drwxr-xr-x 2 jenkins jenkins 4096 Jul 27 15:54 dir1
drwxr-xr-x 2 jenkins jenkins 4096 Jul 27 15:54 dir2
[Pipeline] }
[Pipeline] // stage
[Pipeline] stage
[Pipeline] { (Declarative: Post Actions)
[Pipeline] cleanWs
[WS-CLEANUP] Deleting project workspace...
[WS-CLEANUP] Deferred wipeout is used...
[WS-CLEANUP] done
[Pipeline] }
[Pipeline] // stage
[Pipeline] }
[Pipeline] // withEnv
[Pipeline] }
[Pipeline] // node
[Pipeline] End of Pipeline
Finished: SUCCESS
```

Click on pipeline overview , here we can see the flow

Jenkins / terraform_jenkins_pipeline / #8 / Pipeline Overview

✓ < #8 Rerun ...

Manually run by admin Started 6 min 14 sec ago Queued 4 ms Took 8.5 sec </> Changes

Graph

```
graph LR
    Start((Start)) --> CheckoutSCM[Checkout SCM]
    CheckoutSCM --> CloneRepo[Clone Repo]
    CloneRepo --> TerraformInit[Terraform Init]
    TerraformInit --> TerraformValidate[Terraform Validate]
    TerraformValidate --> TerraformPlan[Terraform Plan]
    TerraformPlan --> TerraformApply[Terraform Apply]
    TerraformApply --> VerifyResults[Verify Results]
    VerifyResults --> PostActions[Post Actions]
    PostActions --> End((End))
```

Search

- ✓ Checkout SCM 0.73s
- ✓ Clone Repo 1.0s
- ✓ Terraform Init 0.9s

✓ Post Actions 0.33s Started 6m 10s ago Jenkins

✓ Delete workspace when build is done 0.14s

```
0 [WS-CLEANUP] Deleting project workspace...
1 [WS-CLEANUP] Deferred wipeout is used...
```

Click on Workspaces where the file are created



In CLI check if the files and directories are added

```
terraform_jenkins_pipeline@tmp
azureuser@skvm-terra:~$ ls /var/lib/jenkins/workspace
terraform_jenkins_pipeline  terraform_jenkins_pipeline@tmp
azureuser@skvm-terra:~$ cd /var/lib/jenkins/workspace/terraform_jenkins_pipeline
azureuser@skvm-terra:/var/lib/jenkins/workspace/terraform_jenkins_pipeline$ ls
Jenkinsfile  README.md  dir1  dir2  file1.txt  file2.txt  main.tf  outputs.tf  terraform.tfstate  tfplan
azureuser@skvm-terra:/var/lib/jenkins/workspace/terraform_jenkins_pipeline$
```